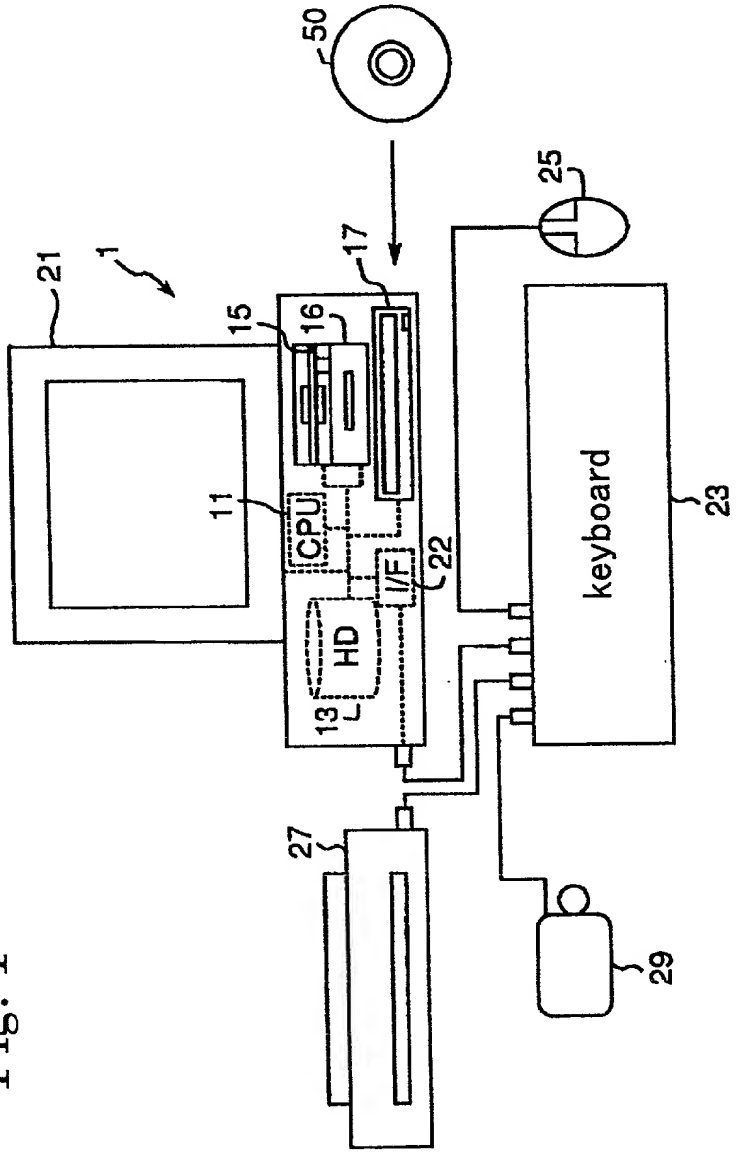



Fig. 1

Fig. 2

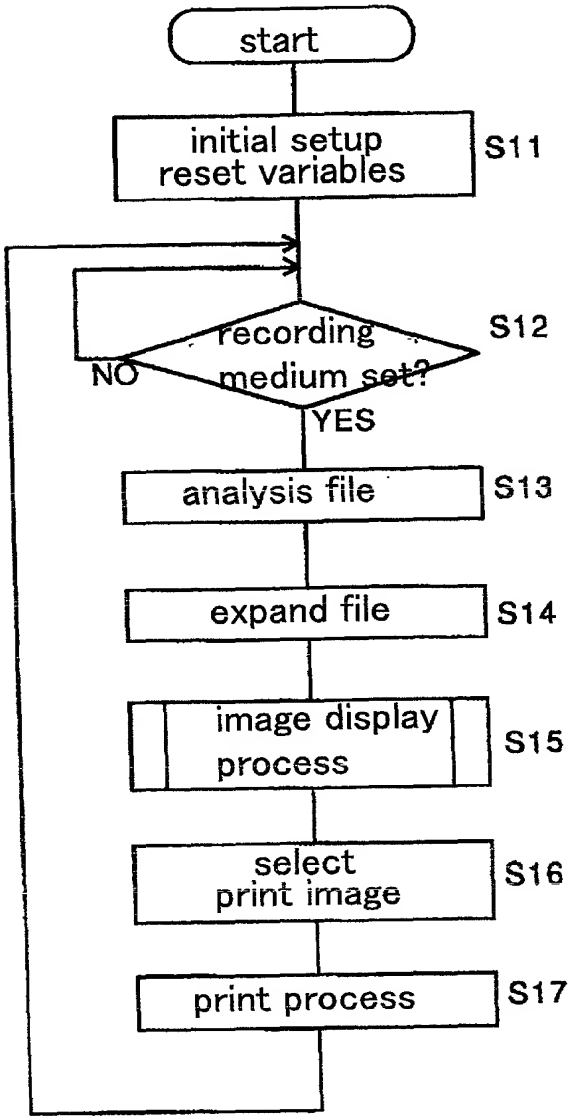
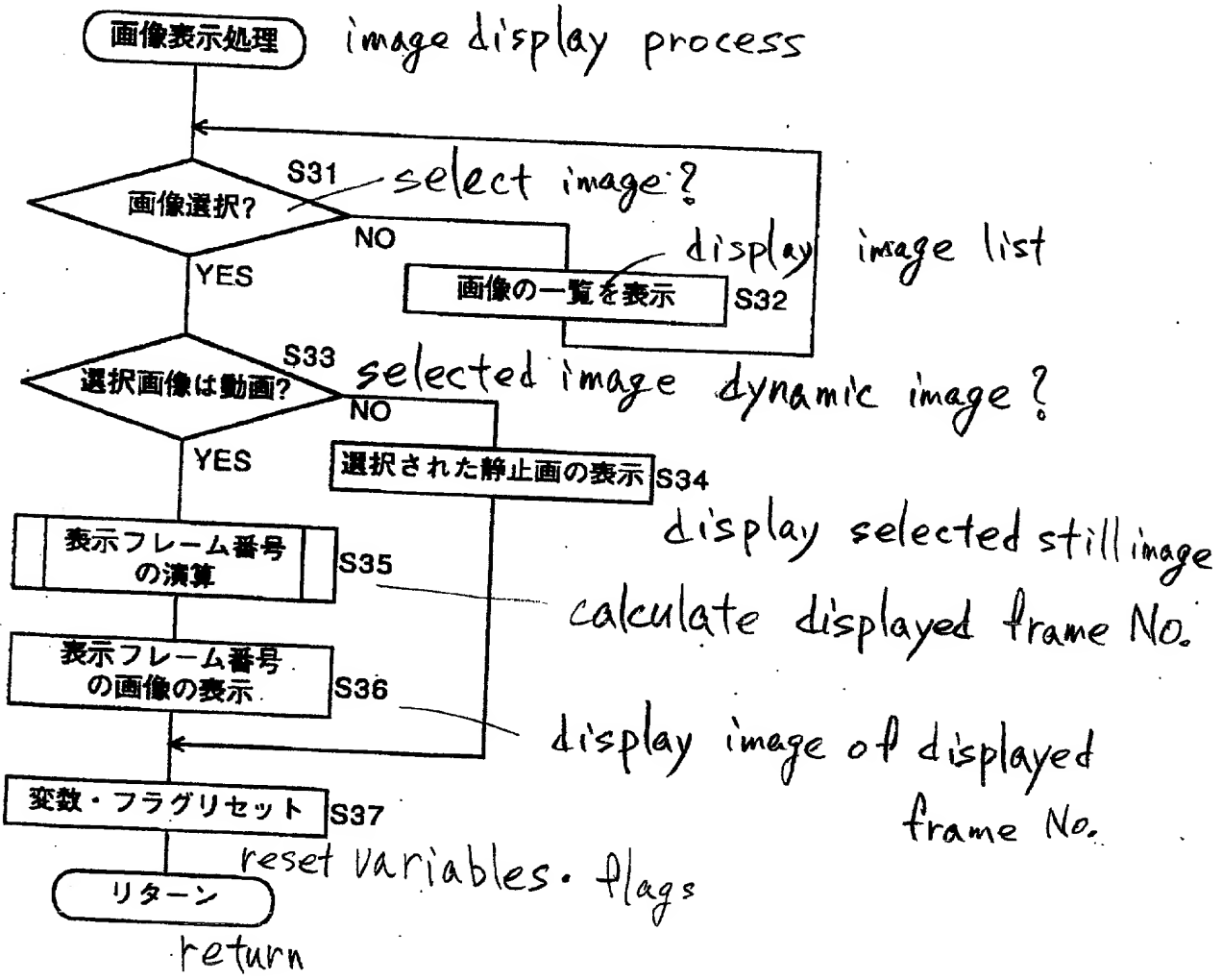

start
initial setup
reset variables
S11
recording
medium set?
S12
NO
YES
analysis file
S13
expand file
S14
image display
process
S15
select
print image
S16
print process
S17

Fig. 3




0525.3000.0000.0

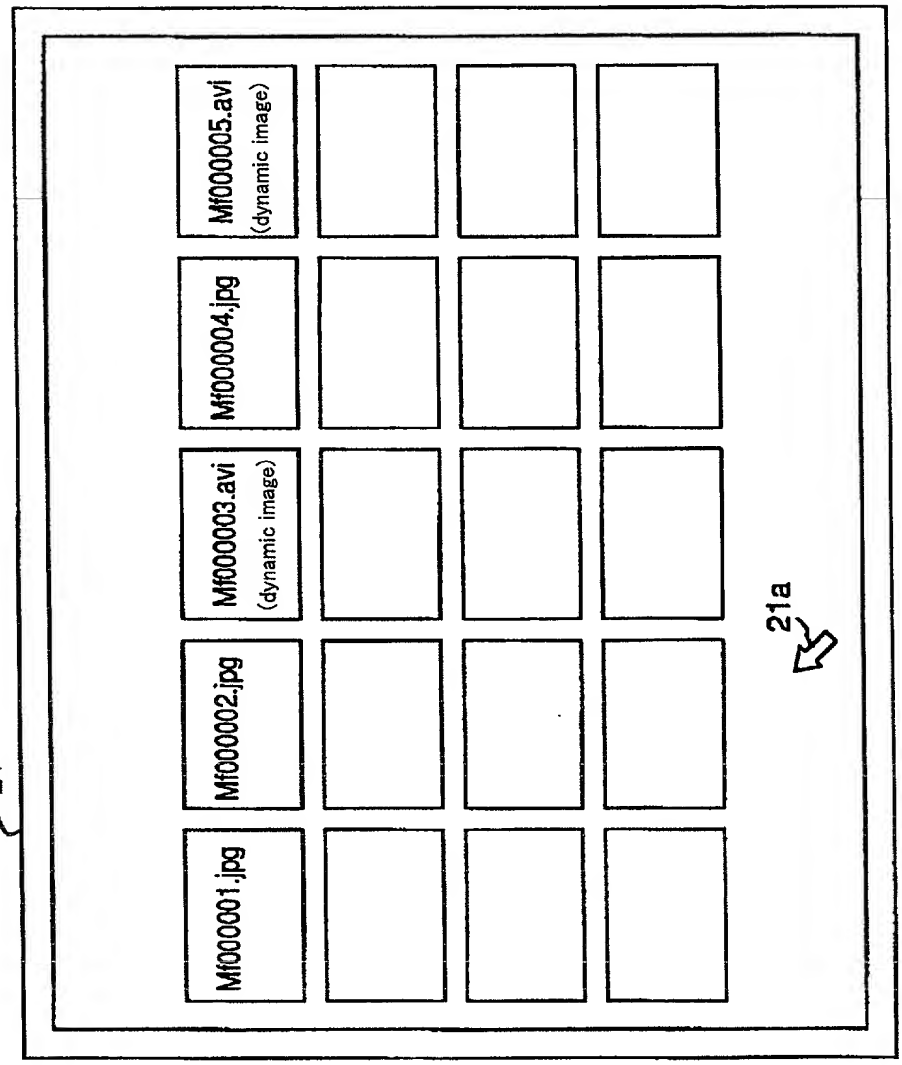

21
Mf000001.jpg
Mf000002.jpg
Mf000003.avi
(dynamic image)
Mf000004.jpg
Mf000005.avi
(dynamic image)
21a

Fig. 4

Fig. 5

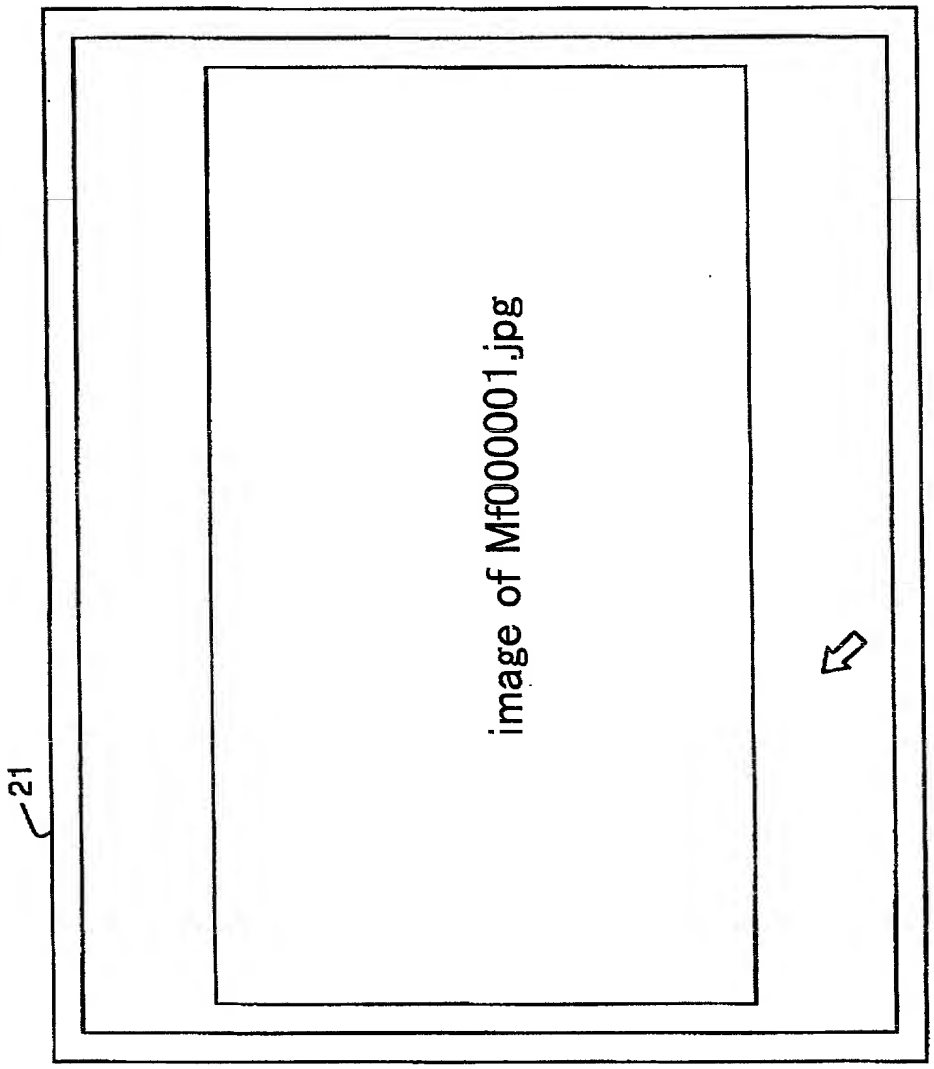


Fig. 6

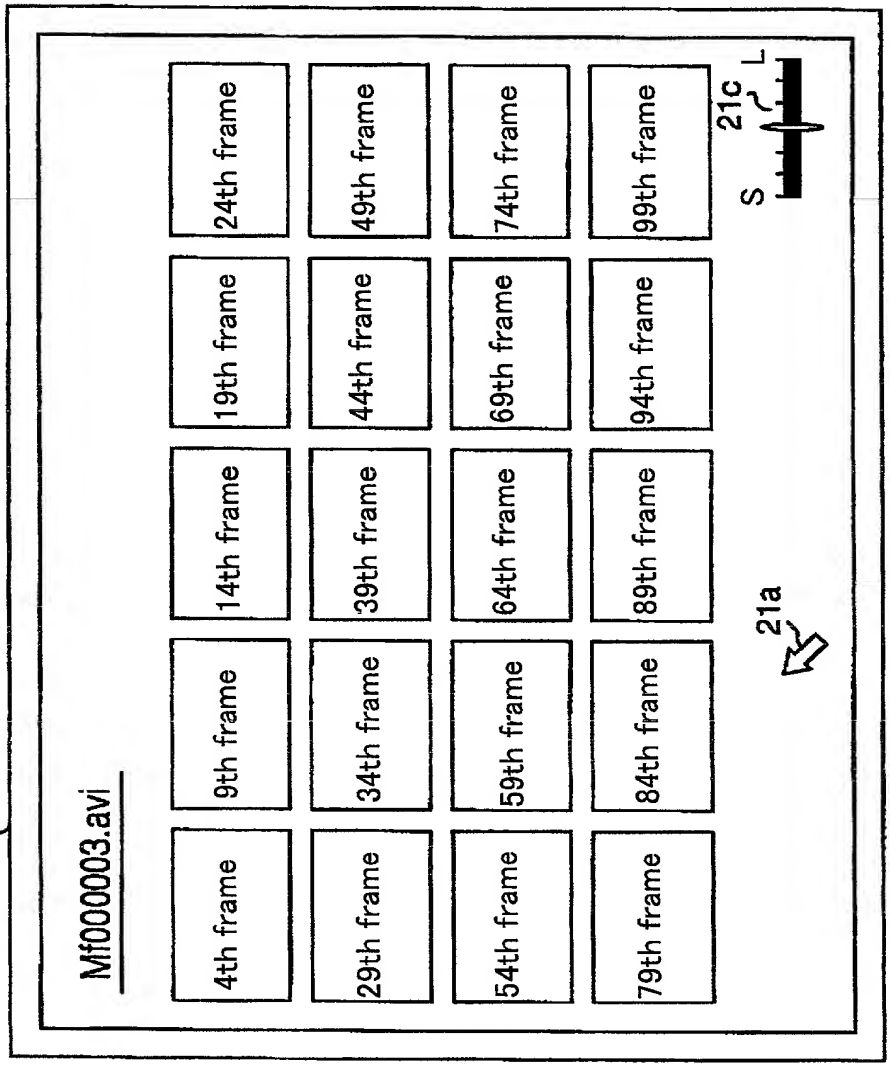

21
Mf000003.avi
4th frame
9th frame
14th frame
19th frame
24th frame
29th frame
34th frame
39th frame
44th frame
49th frame
54th frame
59th frame
64th frame
69th frame
74th frame
79th frame
84th frame
89th frame
94th frame
99th frame
21a
21c
S
L

Fig. 7

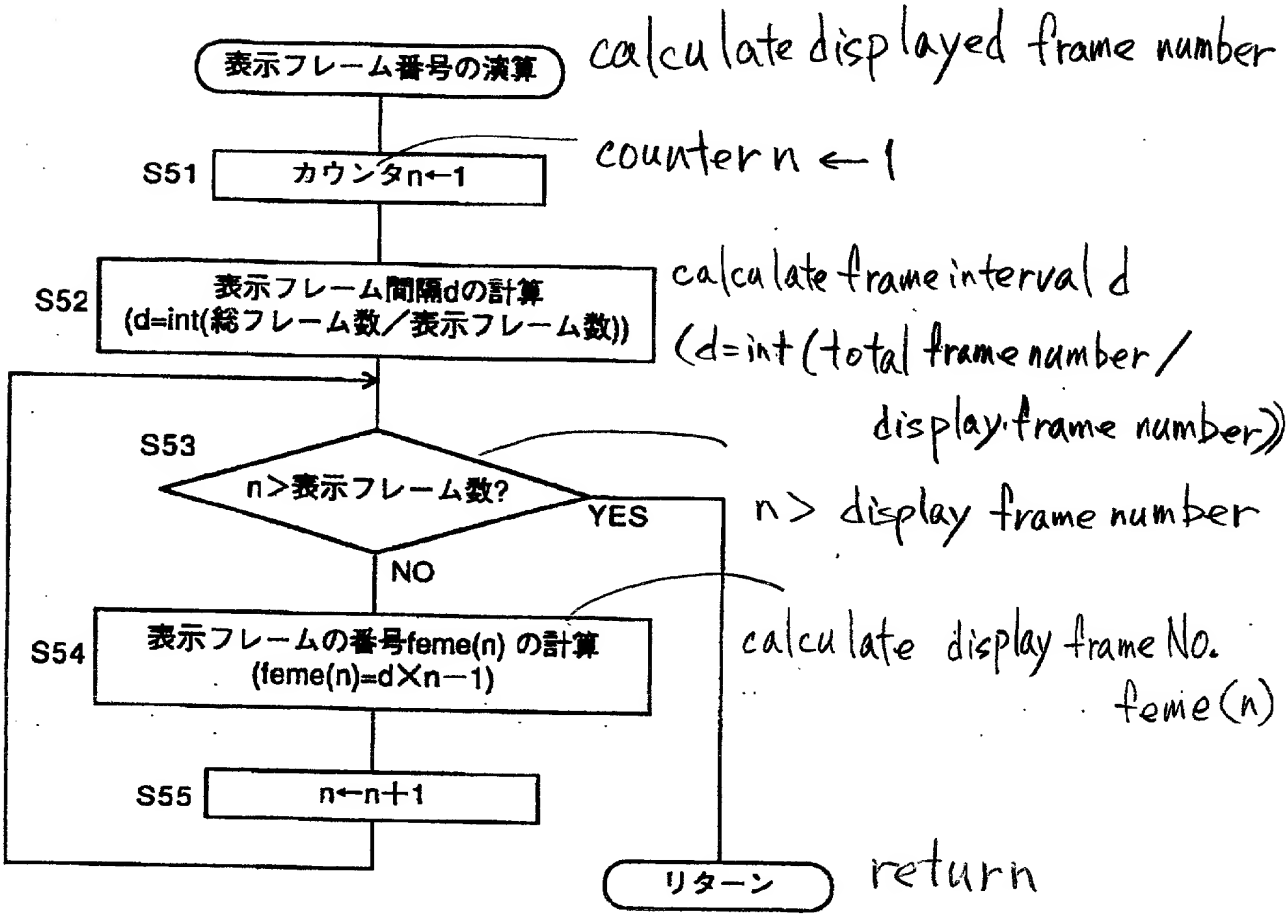
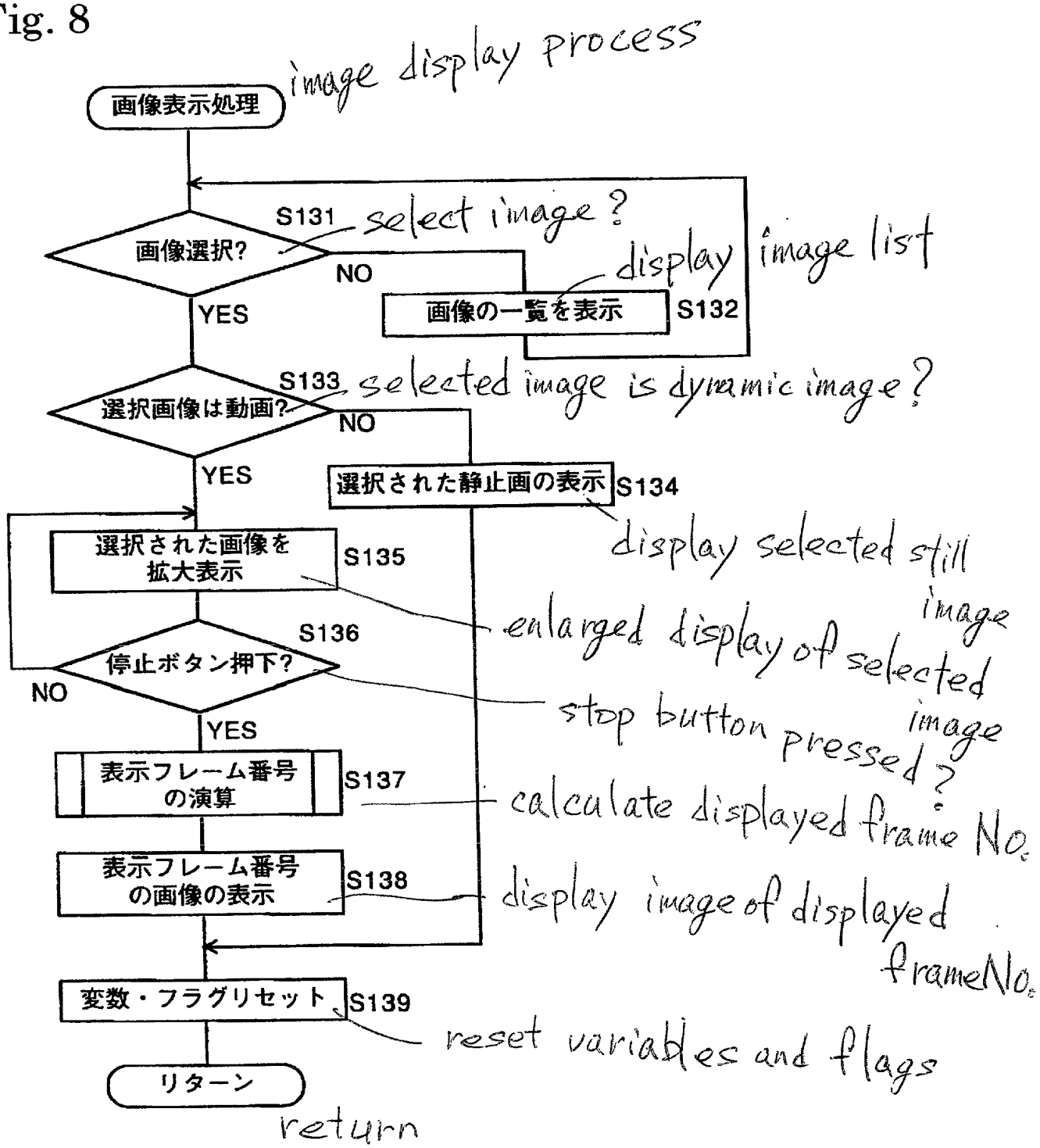

表示フレーム番号の演算
calculate displayed frame number
S51
カウンタn←1
counter n ← 1
S52
表示フレーム間隔dの計算
(d=int(総フレーム数／表示フレーム数))
calculate frame interval d
(d=int(total frame number/
display frame number))
S53
n>表示フレーム数?
YES
n > display frame number
NO
S54
表示フレームの番号feme(n) の計算
(feme(n)=d×n−1)
calculate display frame No.
feme(n)
S55
n←n+1
リターン
return

Fig. 8


画像表示処理
image display process
S131
画像選択?
select image?
NO
YES
画像の一覧を表示
S132
display image list
S133
選択画像は動画?
selected image is dynamic image?
NO
YES
選択された静止画の表示
S134
display selected still image
選択された画像を拡大表示
S135
enlarged display of selected image
S136
停止ボタン押下?
stop button pressed?
NO
YES
表示フレーム番号の演算
S137
calculate displayed frame No.
表示フレーム番号の画像の表示
S138
display image of displayed frameNo.
変数・フラグリセット
S139
reset variables and flags
リターン
return

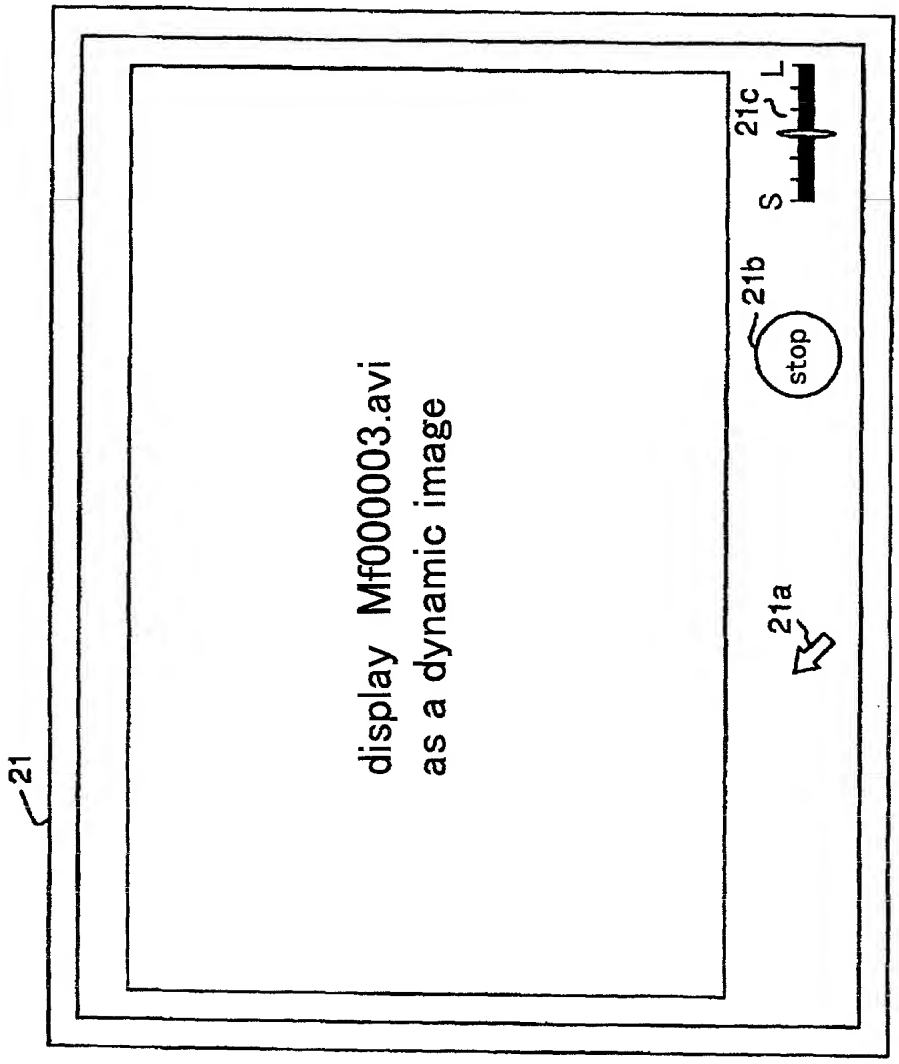

21
display Mf000003.avi
as a dynamic image
21a
21b
stop
21c
S
L

Fig. 9

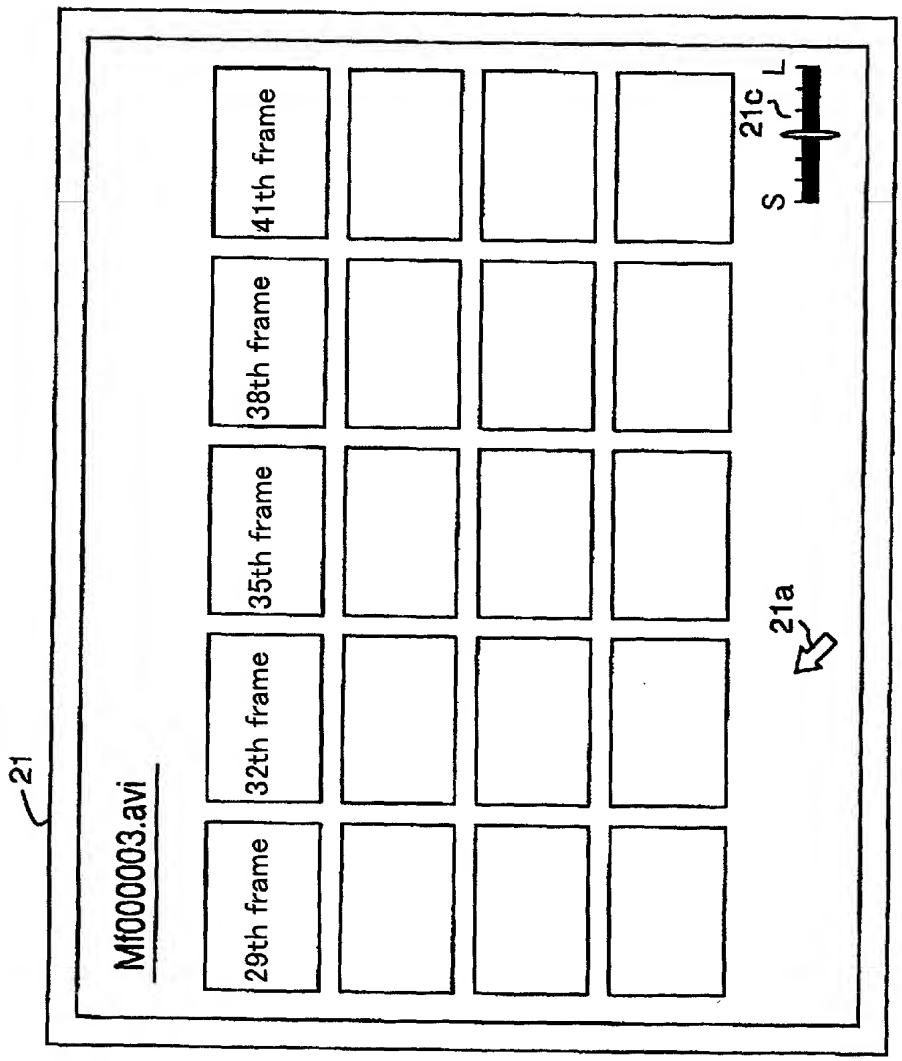
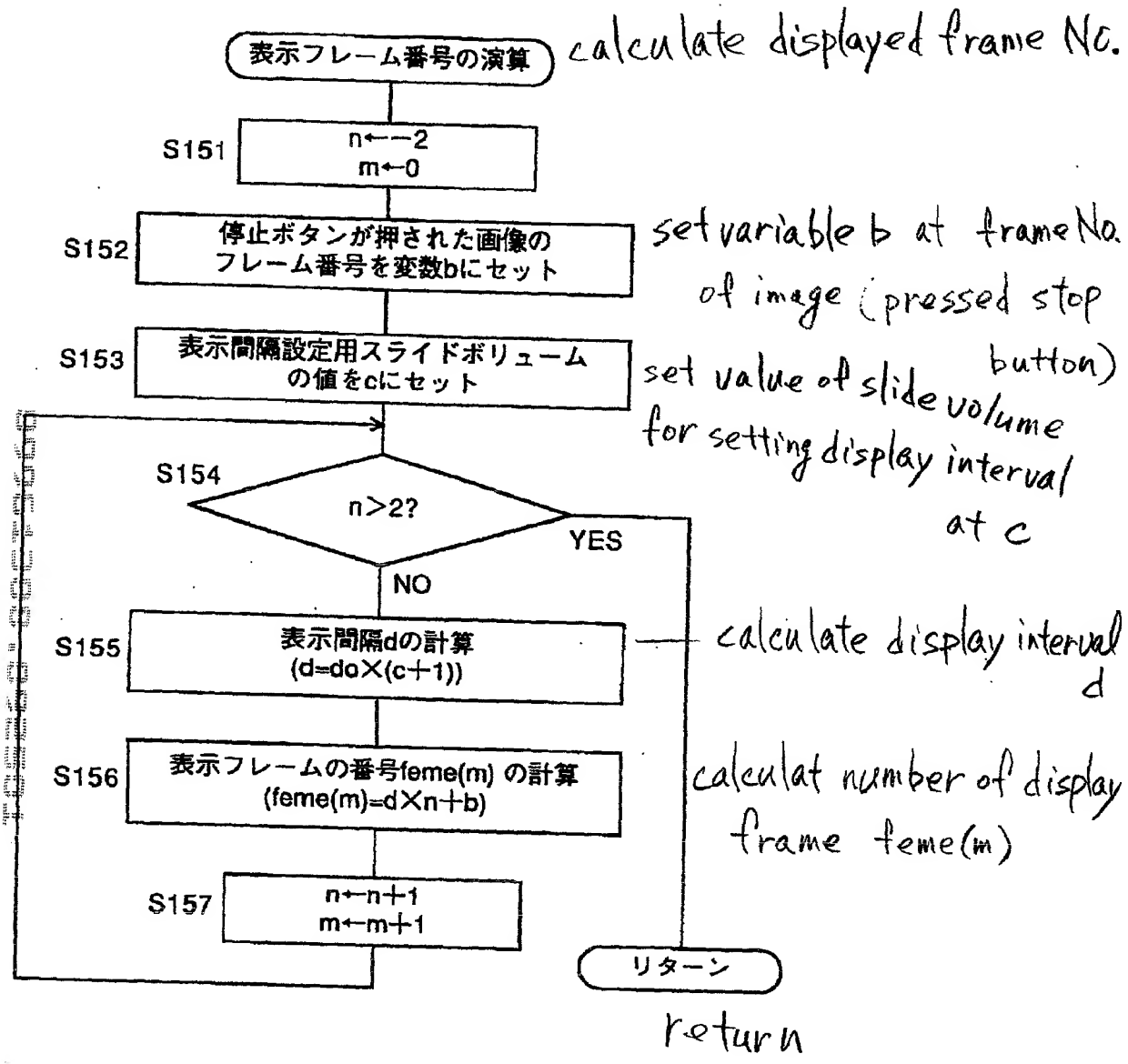

21
M1000003.avi
29th frame
32th frame
35th frame
38th frame
41th frame
21a
21c
S
L

Fig. 10

Fig. 11


表示フレーム番号の演算
calculate displayed frame No.
S151
n←−2
m←0
S152
停止ボタンが押された画像の
フレーム番号を変数bにセット
set variable b at frame No. of image (pressed stop button)
S153
表示間隔設定用スライドボリューム
の値をcにセット
set value of slide volume for setting display interval at c
S154
n>2?
YES
NO
S155
表示間隔dの計算
(d=do×(c+1))
calculate display interval d
S156
表示フレームの番号feme(m) の計算
(feme(m)=d×n+b)
calculat number of display frame feme(m)
S157
n←n+1
m←m+1
リターン
return

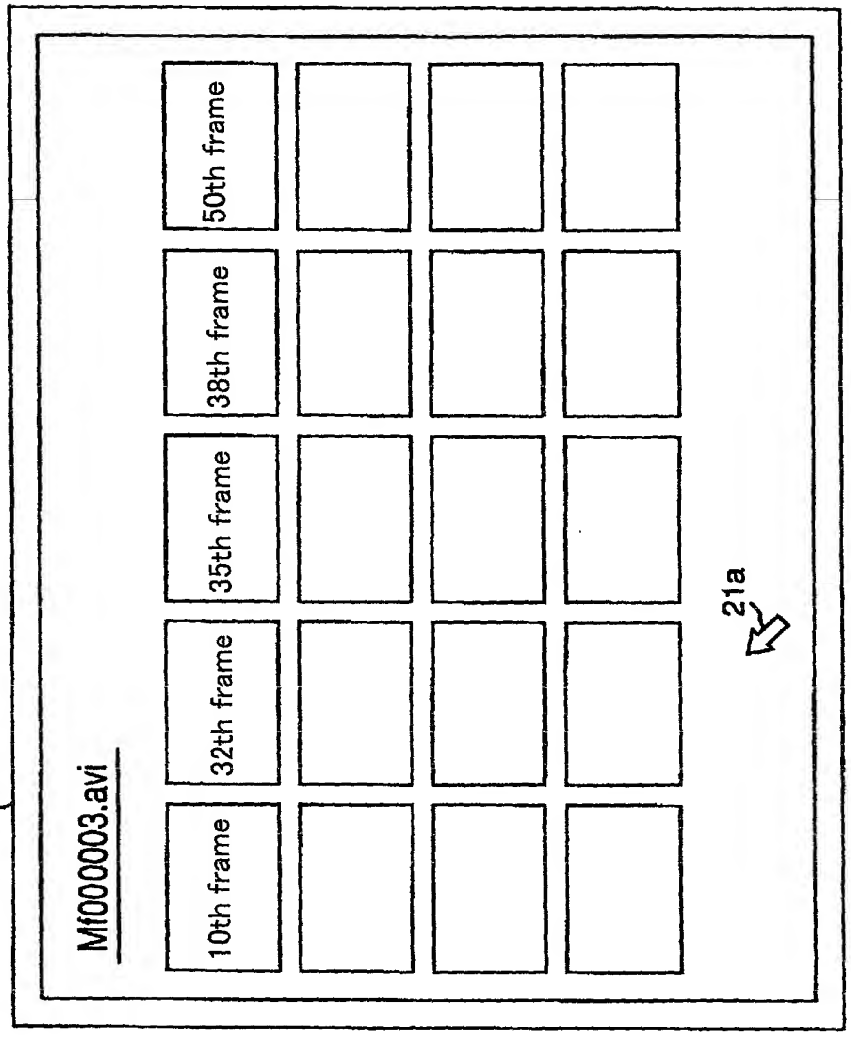
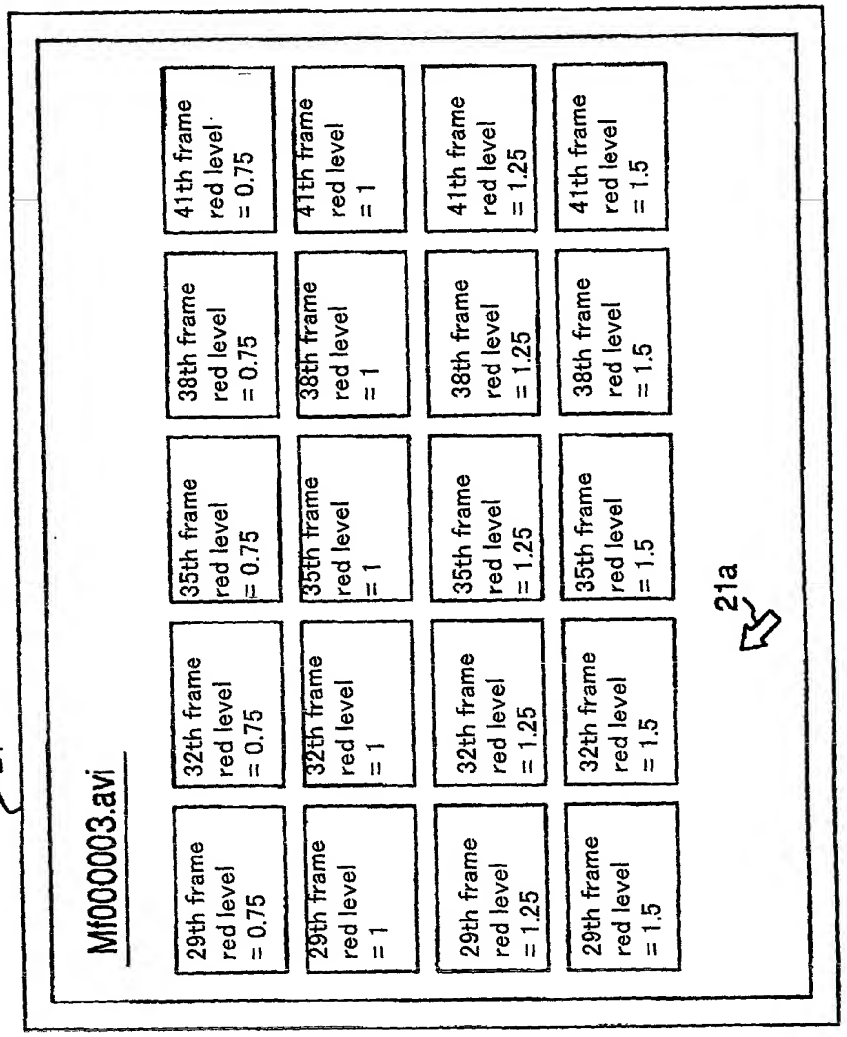

21
M1000003.avi
10th frame
32th frame
35th frame
38th frame
50th frame
21a

Fig. 12

Fig. 13


21
Mf000003.avi
29th frame red level = 0.75
32th frame red level = 0.75
35th frame red level = 0.75
38th frame red level = 0.75
41th frame red level = 0.75
29th frame red level = 1
32th frame red level = 1
35th frame red level = 1
38th frame red level = 1
41th frame red level = 1
29th frame red level = 1.25
32th frame red level = 1.25
35th frame red level = 1.25
38th frame red level = 1.25
41th frame red level = 1.25
29th frame red level = 1.5
32th frame red level = 1.5
35th frame red level = 1.5
38th frame red level = 1.5
41th frame red level = 1.5
21a